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Mr. Steve Burkett, Chief
Compliance Branch
Water Management Division
U.S. Environmental Protection Agency, Region VIII
999 - 18th Street, Suite 500
Denver, CO 80202-2413

Colorado Department of Health
Attention: Stanley V. May
Monitoring and Enforcement Section
Water Quality Division
4210 East Eleventh Avenue
Denver, CO 80220

Enclosed is the Discharge Monitoring Report for February 1991, as required by the Rocky Flats Plant National Pollutant Discharge Elimination System (NPDES) Permit No. CO-0001333.

There was no spray irrigation from Pond B-3 during the reporting period, per verbal agreement with EPA.

The Reverse Osmosis Pilot Plant (Monitoring Point 003) was not operated and the Reverse Osmosis Plant (Monitoring Point 004) did not discharge during the reporting period. Pond B-3 was continuously discharged to Pond B-5 during February 1991, Pond B-5 water was transferred to Pond A-4 beginning February 6, and continued through the month. Offsite discharge from Pond A-4 occurred from February 1, through February 28, 1991, and was filtered and treated with Granular Activated Carbon prior to offsite discharge. Pond A-3 was not discharged during the reporting period.

The results reported are accurate and complete within the inherent limits of the sampling and analytical methods employed.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
 NAME JSC 01 - ROCKY FLATS PLANT
 ADDRESS BOX 928
 COLORADO CO 80402

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (12-19)
 C00001333 PERMIT NUMBER
 003 A DISCHARGE NUMBER

Form Approved
 OMB No. 2040-0004
 Expires 3-31-88
 F - FINAL
 RVS OSMOSIS PILOT PLANT
 No Discharges

MONITORING PERIOD
 FROM YEAR 91 MO 02 DAY 01 TO YEAR 91 MO 02 DAY 23
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	QUANTITY OR LOADING (34-61)			QUALITY OR CONCENTRATION (34-61)			NO. EX. ANALYSIS (64-68)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	AVERAGE (46-53)	MINIMUM (38-45)	MAXIMUM (34-61)			
CHLORINE RESIDUAL	*****	*****		*****	*****				
3060 0 0	*****	*****	***	*****	*****	0.5	DAILY	DAILY	SPAS
SEE COMMENTS BELOW	*****	*****	***	*****	*****	DAILY MX			
COLIFORM FECA	*****	*****	***	*****	*****				
GENERAL	*****	*****	***	*****	*****				
24155 0 0	*****	*****	***	*****	*****	400	300GEODAY	SEE PERMIT	GRAB
SEE COMMENTS BELOW	*****	*****	***	*****	*****	MX7DGEODAY	100ML		
OIL AND GREASE	*****	*****	***	*****	*****	*****			
VISUAL	*****	*****	YES=1 NO=0	*****	*****	*****		DAILY	VISUAL
24155 2 0	*****	*****	INST MX	*****	*****	*****			
SEE COMMENTS BELOW	*****	*****		*****	*****	*****			
	*****	*****		*****	*****	*****			
	*****	*****		*****	*****	*****			
	*****	*****		*****	*****	*****			
	*****	*****		*****	*****	*****			
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	*****	*****		*****	*****	*****			
	*****	*****		*****	*****	*****			
	*****	*****		*****	*****	*****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Robert M. Nelson, Jr.
 Manager, DOE/RFO

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE NUMBER 303 966-7000

DATE

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

IF NO DISCHARGE RPT "NO DISCHARGE". PARAMETERS LABELED "Q" APPLY WHEN TREATING WATER FROM PONDS A3, A4, B3, B4, C1 OR C2. THOSE LABELED "Q" APPLY ONLY WHEN TREATING WATER FROM POND B3. PUT NR IN BLANKS THAT CONTAIN PREVIOUS EDITION TO BE USED TO DISCHARGE (REPLACES EPA FORM 140 WHICH MAY NOT BE USED.)

EPA Form 3320-1 (Rev. 10-79) PREVIOUS EDITION TO BE USED TO DISCHARGE (REPLACES EPA FORM 140 WHICH MAY NOT BE USED.)

0044
 DISCHARGE NUMBER

00001333
 PERMIT NUMBER

0044
 DISCHARGE NUMBER

MONITORING PERIOD
 FROM YEAR 81 MO 02 DAY 23 TO YEAR 81 MO 02 DAY 23

QUALITY OR CONCENTRATION (54-61)
 AVERAGE MINIMUM MAXIMUM UNITS

QUANTITY OR LOADING (46-53)
 AVERAGE MAXIMUM UNITS

QUANTITY OR CONCENTRATION (54-61)
 AVERAGE MINIMUM MAXIMUM UNITS

FREQUENCY OF ANALYSIS (64-68)
 NO. EX (62-63) SAMPLE TYPE (69-70)

NOTE: Read instructions before completing this form.

MAJOR

PARAMETER (32-37)	QUANTITY OR LOADING (46-53)			QUANTITY OR CONCENTRATION (54-61)			FREQUENCY OF ANALYSIS (64-68)	NO. EX (62-63)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	UNITS	AVERAGE	MINIMUM	MAXIMUM			
0001 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****		
0002 0 0 CALCULATED TOTAL	*****	*****	*****	*****	*****	*****	*****		
0003 0 0 SUSPENDED SOLIDS	*****	*****	*****	*****	*****	*****	*****		
0004 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****		
0005 0 0 NITRATE TOTAL (AS N)	*****	*****	*****	*****	*****	*****	*****		
0006 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****		
0007 0 0 PHOSPHORUS TOTAL (AS P)	*****	*****	*****	*****	*****	*****	*****		
0008 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****		
0009 0 0 CARBON TOTAL (AS C)	*****	*****	*****	*****	*****	*****	*****		
0010 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****		
0011 0 0 SULFUR DIOXIDE THROUGH TREATMENT PLANT	*****	*****	*****	*****	*****	*****	*****		
0012 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****		
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY WITH THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)									
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: Robert H. Nelson, Jr., Manager, DOE/RFO SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER: _____ OFFICER OR AUTHORIZED AGENT: _____ TELEPHONE: 303 966-7000 DATE: _____									
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): NO DISCHARGE, RPT "NO DISCHARGE". DISCHRG SHALL CONSIST ONLY OF PRODUCT WATER FROM STP AND/OR INTERCEPTED PRODUCT WATER UNLESS PFIOR APPROVAL OBTAINED-SEE PERMIT. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)									

FINAL
FROM POND 8-3
Discharged continuously
from 2/1/91 through 2/28/91

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-19)

PERMIT NUMBER: C0001333
DISCHARGE NUMBER: G01A

MONITORING PERIOD
FROM YEAR 91 MO 02 DAY 04 TO YEAR 91 MO 02 DAY 26

PERMIT NAME/ADDRESS (Include Facility Name/Location if different)
NAME: U.S. GULF FLATS PLANT
ADDRESS: P.O. BOX 928, GOLDEN, CO 80402

FACILITY LOCATION
ATTN: ROBERT M NELSON, JR., MANAGER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	(3 Card Only) QUANTITY OR LOADING (34-61)			(4 Card Only) QUALITY OR CONCENTRATION (34-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
CHLORINE TOTAL RESIDUAL	*****	*****	mg/l	*****	0.30	mg/l	0	7/7	grab
SULFIDE	*****	*****	*****	*****	DAILY MX	MG/L	0	DAILY	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	<10	#/100ml	0	3/7	grab
POLIFORM GENERAL	*****	*****	*****	*****	200	100ML	0	SEE PERMIT	GRAB
74255	*****	*****	*****	*****	300650AY	100ML	0	7/7	N/A
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	0	7/7	VISUAL
OIL AND GREASE VISUAL	*****	*****	*****	*****	*****	*****	0	7/7	VISUAL
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	0	7/7	VISUAL

NAME/TITLE: PRINCIPAL EXECUTIVE OFFICER
ROBERT M. NELSON, JR.
Manager, DOE/RFO

TELEPHONE: 303 966-7000
AREA CODE: 303
NUMBER: 966-7000

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

DATE

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

NO DISCHARGE OCCURS, REPORT "NO DISCHARGE". THERE SHALL BE NO DISCHARGE EXCEPT WHEN WEATHER EXCEEDS POND STORAGE CAPACITY-SEE PERMIT. PH MAY GO AS HIGH AS 10.0 IF DUE TO ALGAL ACTIVITY.